

Appendix H

P2P Computer Printouts: Pollutants Generated by Energy Production

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Carbon
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product--
by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.50 g	Nitrogen oxides (NOx)	0.18 g
			Sulfur oxides (SOx)	0.32 g
	Toxic Organics	59. mg	Carbon monoxide	59. mg
	/Acid Rain Precursors	0.50 g	Nitrogen oxides (NOx)	0.18 g
Use impairment impacts			Sulfur oxides (SOx)	0.32 g
	Corrosives	0.53 g	Nitrogen oxides (NOx)	0.18 g
			Sulfur oxides (SOx)	0.32 g
			Sulfuric acid	26. mg
	Dissolved Solids	34. mg	Dissolved solids	8.4 mg
			Sulfuric acid	26. mg
	Global Warmers	56. g	Carbon dioxide	56. g
			Nitrogen oxides (NOx)	0.18 g
	Odorants	0.26 g	Hydrocarbons	0.26 g
	Particulates	60. mg	Particulates	60. mg
	Smog Formers	0.50 g	Carbon monoxide	59. mg
			Hydrocarbons	0.26 g
			Nitrogen oxides (NOx)	0.18 g
	/Solid Wastes	4.3 g	Solid wastes	4.3 g
Disposal capacity impacts				

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Carbon
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
*Overall environment	61. g	34. mg	4.3 g	57. g	(
Carbon dioxide	56. g			56. g	(
Carbon monoxide	59. mg			59. mg	(
Dissolved solids	8.4 mg	8.4 mg			(
Hydrocarbons	0.26 g			0.26 g	(
Nitrogen oxides (NOx)	0.18 g			0.18 g	(
Particulates	60. mg			60. mg	(
Solid wastes	4.3 g		4.3 g		(
Sulfur oxides (SOx)	0.32 g			0.32 g	(
Sulfuric acid	26. mg	26. mg			(
*Human health impacts	0.56 g			0.56 g	(
Carbon monoxide	59. mg			59. mg	(
Nitrogen oxides (NOx)	0.18 g			0.18 g	(
Sulfur oxides (SOx)	0.32 g			0.32 g	(
*Use impairment impacts	57. g	34. mg		57. g	(
Carbon dioxide	56. g			56. g	(
Carbon monoxide	59. mg			59. mg	(
Dissolved solids	8.4 mg	8.4 mg			(
Hydrocarbons	0.26 g			0.26 g	(
Nitrogen oxides (NOx)	0.18 g			0.18 g	(
Particulates	60. mg			60. mg	(
Sulfur oxides (SOx)	0.32 g			0.32 g	(
Sulfuric acid	26. mg	26. mg			(
*Disposal cap'cty impacts	4.3 g		4.3 g		(
Solid wastes	4.3 g		4.3 g		(

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Electroless V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/Grdwater	Air	(Indoor Air
*Overall environment	130. g	0.11 g	14. g	120. g	(
Carbon dioxide	120. g			120. g	(
Carbon monoxide	0.16 g			0.16 g	(
Dissolved solids	22. mg	22. mg			(
Hydrocarbons	0.14 g			0.14 g	(
Nitrogen oxides (NOx)	0.51 g			0.51 g	(
Particulates	0.19 g			0.19 g	(
Solid wastes	14. g		14. g		(
Sulfur oxides (SOx)	1.0 g			1.0 g	(
Sulfuric acid	86. mg	86. mg			(
*Human health impacts	1.7 g			1.7 g	(
Carbon monoxide	0.16 g			0.16 g	(
Nitrogen oxides (NOx)	0.51 g			0.51 g	(
Sulfur oxides (SOx)	1.0 g			1.0 g	(
*Use impairment impacts	120. g	0.11 g		120. g	(
Carbon dioxide	120. g			120. g	(
Carbon monoxide	0.16 g			0.16 g	(
Dissolved solids	22. mg	22. mg			(
Hydrocarbons	0.14 g			0.14 g	(
Nitrogen oxides (NOx)	0.51 g			0.51 g	(
Particulates	0.19 g			0.19 g	(
Sulfur oxides (SOx)	1.0 g			1.0 g	(
Sulfuric acid	86. mg	86. mg			(
*Disposal cap'cty impacts	14. g		14. g		(
Solid wastes	14. g		14. g		(

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APPENDIX H

POLLUTION GENERATED--SUMMARY REPORT FOR All Previously Selected Stage(s)

Product: Electroless V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product-- by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	1.5 g	Nitrogen oxides (NOx)	0.51 g
	Toxic Organics	0.16 g	Sulfur oxides (SOx)	1.0 g
			Carbon monoxide	0.16 g
Use impairment impacts	/Acid Rain Precursors	1.5 g	Nitrogen oxides (NOx)	0.51 g
	Corrosives	1.6 g	Sulfur oxides (SOx)	1.0 g
			Nitrogen oxides (NOx)	0.51 g
			Sulfur oxides (SOx)	1.0 g
	Dissolved Solids	0.11 g	Sulfuric acid	86. mg
			Dissolved solids	22. mg
			Sulfuric acid	86. mg
	Global Warmers	120. g	Carbon dioxide	120. g
			Nitrogen oxides (NOx)	0.51 g
	Odorants	0.14 g	Hydrocarbons	0.14 g
	Particulates	0.19 g	Particulates	0.19 g
	Smog Formers	0.82 g	Carbon monoxide	0.16 g
			Hydrocarbons	0.14 g
			Nitrogen oxides (NOx)	0.51 g
Disposal capacity impacts	/Solid Wastes	14. g	Solid wastes	14. g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Electroless Copper C
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
*Overall environment	32. g	26. mg	3.4 g	29. g	(
Carbon dioxide	28. g			28. g	(
Carbon monoxide	40. mg			40. mg	(
Dissolved solids	5.4 mg	5.4 mg			(
Hydrocarbons	34. mg			34. mg	(
Nitrogen oxides (NOx)	0.12 g			0.12 g	(
Particulates	47. mg			47. mg	(
Solid wastes	3.4 g		3.4 g		(
Sulfur oxides (SOx)	0.25 g			0.25 g	(
Sulfuric acid	21. mg	21. mg			(
*Human health impacts	0.41 g			0.41 g	(
Carbon monoxide	40. mg			40. mg	(
Nitrogen oxides (NOx)	0.12 g			0.12 g	(
Sulfur oxides (SOx)	0.25 g			0.25 g	(
*Use impairment impacts	29. g	26. mg		29. g	(
Carbon dioxide	28. g			28. g	(
Carbon monoxide	40. mg			40. mg	(
Dissolved solids	5.4 mg	5.4 mg			(
Hydrocarbons	34. mg			34. mg	(
Nitrogen oxides (NOx)	0.12 g			0.12 g	(
Particulates	47. mg			47. mg	(
Sulfur oxides (SOx)	0.25 g			0.25 g	(
Sulfuric acid	21. mg	21. mg			(
*Disposal cap'cty impacts	3.4 g		3.4 g		(
Solid wastes	3.4 g		3.4 g		(

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APPENDIX H

POLLUTION GENERATED--SUMMARY REPORT FOR All Previously Selected Stage(s)

Product: Electroless Copper C
Unit-of-Use: per ssf of board produced
Product Life: 1 year

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3. Pollution Generated per Unit-of-Use of product-- by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
	-----	-----	-----	-----
Human health impacts	/Toxic Inorganics	0.37 g	Nitrogen oxides (NOx)	0.12 g
			Sulfur oxides (SOx)	0.25 g
	Toxic Organics	40. mg	Carbon monoxide	40. mg
	/Acid Rain Precursors	0.37 g	Nitrogen oxides (NOx)	0.12 g
Use impairment impacts			Sulfur oxides (SOx)	0.25 g
	Corrosives	0.39 g	Nitrogen oxides (NOx)	0.12 g
			Sulfur oxides (SOx)	0.25 g
			Sulfuric acid	21. mg
	Dissolved Solids	26. mg	Dissolved solids	5.4 mg
			Sulfuric acid	21. mg
	Global Warmers	28. g	Carbon dioxide	28. g
			Nitrogen oxides (NOx)	0.12 g
	Odorants	34. mg	Hydrocarbons	34. mg
	Particulates	47. mg	Particulates	47. mg
	Smog Formers	0.20 g	Carbon monoxide	40. mg
			Hydrocarbons	34. mg
Disposal capacity impacts	/Solid Wastes	3.4 g	Nitrogen oxides (NOx)	0.12 g
			Solid wastes	3.4 g

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POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Graphite
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
*Overall environment	29. g	19. mg	2.4 g	27. g	(
Carbon dioxide	27. g			27. g	(
Carbon monoxide	31. mg			31. mg	(
Dissolved solids	4.3 mg	4.3 mg			(
Hydrocarbons	98. mg			98. mg	(
Nitrogen oxides (NOx)	94. mg			94. mg	(
Particulates	33. mg			33. mg	(
Solid wastes	2.4 g		2.4 g		(
Sulfur oxides (SOx)	0.18 g			0.18 g	(
Sulfuric acid	14. mg	14. mg			(
*Human health impacts	0.30 g			0.30 g	(
Carbon monoxide	31. mg			31. mg	(
Nitrogen oxides (NOx)	94. mg			94. mg	(
Sulfur oxides (SOx)	0.18 g			0.18 g	(
*Use impairment impacts	27. g	19. mg		27. g	(
Carbon dioxide	27. g			27. g	(
Carbon monoxide	31. mg			31. mg	(
Dissolved solids	4.3 mg	4.3 mg			(
Hydrocarbons	98. mg			98. mg	(
Nitrogen oxides (NOx)	94. mg			94. mg	(
Particulates	33. mg			33. mg	(
Sulfur oxides (SOx)	0.18 g			0.18 g	(
Sulfuric acid	14. mg	14. mg			(
*Disposal cap'cty impacts	2.4 g		2.4 g		(
Solid wastes	2.4 g		2.4 g		(

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APPENDIX H

POLLUTION GENERATED--SUMMARY REPORT FOR All Previously Selected Stage(s)

Product: Graphite
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product-- by Pollution Category, Pollutant Class, and Pollutant for Overall Environment				
Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.27 g	Nitrogen oxides (NOx)	94. mg
	Toxic Organics	31. mg	Sulfur oxides (SOx)	0.18 g
			Carbon monoxide	31. mg
Use impairment impacts	/Acid Rain Precursors	0.27 g	Nitrogen oxides (NOx)	94. mg
	Corrosives	0.28 g	Sulfur oxides (SOx)	0.18 g
			Nitrogen oxides (NOx)	94. mg
			Sulfur oxides (SOx)	0.18 g
	Dissolved Solids	19. mg	Sulfuric acid	14. mg
			Dissolved solids	4.3 mg
	Global Warmers	27. g	Sulfuric acid	14. mg
			Carbon dioxide	27. g
	Odorants	98. mg	Nitrogen oxides (NOx)	94. mg
			Hydrocarbons	98. mg
	Particulates	33. mg	Particulates	33. mg
			Carbon monoxide	31. mg
Disposal capacity impacts	/Solid Wastes	2.4 g	Hydrocarbons	98. mg
			Nitrogen oxides (NOx)	94. mg
			Solid wastes	2.4 g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Conductive Polymer
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
*Overall environment	22. g	18. mg	2.3 g	20. g	(
Carbon dioxide	19. g			19. g	(
Carbon monoxide	27. mg			27. mg	(
Dissolved solids	3.7 mg	3.7 mg			(
Hydrocarbons	24. mg			24. mg	(
Nitrogen oxides (NOx)	84. mg			84. mg	(
Particulates	32. mg			32. mg	(
Solid wastes	2.3 g		2.3 g		(
Sulfur oxides (SOx)	0.17 g			0.17 g	(
Sulfuric acid	14. mg	14. mg			(
*Human health impacts	0.28 g			0.28 g	(
Carbon monoxide	27. mg			27. mg	(
Nitrogen oxides (NOx)	84. mg			84. mg	(
Sulfur oxides (SOx)	0.17 g			0.17 g	(
*Use impairment impacts	20. g	18. mg		20. g	(
Carbon dioxide	19. g			19. g	(
Carbon monoxide	27. mg			27. mg	(
Dissolved solids	3.7 mg	3.7 mg			(
Hydrocarbons	24. mg			24. mg	(
Nitrogen oxides (NOx)	84. mg			84. mg	(
Particulates	32. mg			32. mg	(
Sulfur oxides (SOx)	0.17 g			0.17 g	(
Sulfuric acid	14. mg	14. mg			(
*Disposal cap'cty impacts	2.3 g		2.3 g		(
Solid wastes	2.3 g		2.3 g		(

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POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Conductive Polymer
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product--
by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.25 g	Nitrogen oxides (NOx)	84. mg
	Toxic Organics	27. mg	Sulfur oxides (SOx)	0.17 g
			Carbon monoxide	27. mg
Use impairment impacts	/Acid Rain Precursors	0.25 g	Nitrogen oxides (NOx)	84. mg
	Corrosives	0.27 g	Sulfur oxides (SOx)	0.17 g
			Nitrogen oxides (NOx)	84. mg
			Sulfur oxides (SOx)	0.17 g
	Dissolved Solids	18. mg	Sulfuric acid	14. mg
			Dissolved solids	3.7 mg
	Global Warmers	19. g	Sulfuric acid	14. mg
			Carbon dioxide	19. g
	Odorants	24. mg	Nitrogen oxides (NOx)	84. mg
			Hydrocarbons	24. mg
	Particulates	32. mg	Particulates	32. mg
	Smog Formers	0.14 g	Carbon monoxide	27. mg
			Hydrocarbons	24. mg
			Nitrogen oxides (NOx)	84. mg
Disposal capacity impacts	/Solid Wastes	2.3 g	Solid wastes	2.3 g

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POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Tin Palladium V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
*Overall environment	30. g	25. mg	3.2 g	27. g	(
Carbon dioxide	27. g			27. g	(
Carbon monoxide	38. mg			38. mg	(
Dissolved solids	5.1 mg	5.1 mg			(
Hydrocarbons	33. mg			33. mg	(
Nitrogen oxides (NOx)	0.12 g			0.12 g	(
Particulates	45. mg			45. mg	(
Solid wastes	3.2 g		3.2 g		(
Sulfur oxides (SOx)	0.23 g			0.23 g	(
Sulfuric acid	20. mg	20. mg			(
*Human health impacts	0.39 g			0.39 g	(
Carbon monoxide	38. mg			38. mg	(
Nitrogen oxides (NOx)	0.12 g			0.12 g	(
Sulfur oxides (SOx)	0.23 g			0.23 g	(
*Use impairment impacts	27. g	25. mg		27. g	(
Carbon dioxide	27. g			27. g	(
Carbon monoxide	38. mg			38. mg	(
Dissolved solids	5.1 mg	5.1 mg			(
Hydrocarbons	33. mg			33. mg	(
Nitrogen oxides (NOx)	0.12 g			0.12 g	(
Particulates	45. mg			45. mg	(
Sulfur oxides (SOx)	0.23 g			0.23 g	(
Sulfuric acid	20. mg	20. mg			(
*Disposal cap'cty impacts	3.2 g		3.2 g		(
Solid wastes	3.2 g		3.2 g		(

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APPENDIX H

POLLUTION GENERATED--SUMMARY REPORT FOR All Previously Selected Stage(s)

Product: Tin Palladium V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product-- by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.35 g	Nitrogen oxides (NOx)	0.12 g
	Toxic Organics	38. mg	Sulfur oxides (SOx)	0.23 g
			Carbon monoxide	38. mg
	/Acid Rain Precursors	0.35 g	Nitrogen oxides (NOx)	0.12 g
	Corrosives	0.37 g	Sulfur oxides (SOx)	0.23 g
Nitrogen oxides (NOx)			0.12 g	
Sulfur oxides (SOx)			0.23 g	
Use impairment impacts	Dissolved Solids	25. mg	Sulfuric acid	20. mg
	Global Warmers	27. g	Dissolved solids	5.1 mg
			Sulfuric acid	20. mg
	Odorants	33. mg	Carbon dioxide	27. g
			Nitrogen oxides (NOx)	0.12 g
	Particulates	45. mg	Hydrocarbons	33. mg
			Particulates	45. mg
	Smog Formers	0.19 g	Carbon monoxide	38. mg
			Hydrocarbons	33. mg
			Nitrogen oxides (NOx)	0.12 g
Disposal capacity impacts	/Solid Wastes	3.2 g	Solid wastes	3.2 g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Tin Palladium C
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
	-----	-----	-----	-----	-----
*Overall environment	23. g	18. mg	2.4 g	20. g	(
Carbon dioxide	20. g			20. g	(
Carbon monoxide	28. mg			28. mg	(
Dissolved solids	3.7 mg	3.7 mg			(
Hydrocarbons	24. mg			24. mg	(
Nitrogen oxides (NOx)	86. mg			86. mg	(
Particulates	33. mg			33. mg	(
Solid wastes	2.4 g		2.4 g		(
Sulfur oxides (SOx)	0.17 g			0.17 g	(
Sulfuric acid	15. mg	15. mg			(
*Human health impacts	0.29 g			0.29 g	(
Carbon monoxide	28. mg			28. mg	(
Nitrogen oxides (NOx)	86. mg			86. mg	(
Sulfur oxides (SOx)	0.17 g			0.17 g	(
*Use impairment impacts	20. g	18. mg		20. g	(
Carbon dioxide	20. g			20. g	(
Carbon monoxide	28. mg			28. mg	(
Dissolved solids	3.7 mg	3.7 mg			(
Hydrocarbons	24. mg			24. mg	(
Nitrogen oxides (NOx)	86. mg			86. mg	(
Particulates	33. mg			33. mg	(
Sulfur oxides (SOx)	0.17 g			0.17 g	(
Sulfuric acid	15. mg	15. mg			(
*Disposal cap'cty impacts	2.4 g		2.4 g		(
Solid wastes	2.4 g		2.4 g		(

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Tin Palladium C
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product--
by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.26 g	Nitrogen oxides (NOx)	86. mg
	Toxic Organics	28. mg	Sulfur oxides (SOx)	0.17 g
			Carbon monoxide	28. mg
	/Acid Rain Precursors	0.26 g	Nitrogen oxides (NOx)	86. mg
Use impairment impacts	Corrosives	0.27 g	Sulfur oxides (SOx)	0.17 g
			Nitrogen oxides (NOx)	86. mg
			Sulfur oxides (SOx)	0.17 g
	Dissolved Solids	18. mg	Sulfuric acid	15. mg
			Dissolved solids	3.7 mg
	Global Warmers	20. g	Sulfuric acid	15. mg
			Carbon dioxide	20. g
	Odorants	24. mg	Nitrogen oxides (NOx)	86. mg
			Hydrocarbons	24. mg
	Particulates	33. mg	Particulates	33. mg
			Carbon monoxide	28. mg
	Smog Formers	0.14 g	Hydrocarbons	24. mg
			Nitrogen oxides (NOx)	86. mg
Disposal capacity impacts	/Solid Wastes	2.4 g	Solid wastes	2.4 g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Organic Palladium V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	(Indoor Air
*Overall environment	16. g	13. mg	1.7 g	14. g	(
Carbon dioxide	14. g			14. g	(
Carbon monoxide	19. mg			19. mg	(
Dissolved solids	2.6 mg	2.6 mg			(
Hydrocarbons	17. mg			17. mg	(
Nitrogen oxides (NOx)	60. mg			60. mg	(
Particulates	23. mg			23. mg	(
Solid wastes	1.7 g		1.7 g		(
Sulfur oxides (SOx)	0.12 g			0.12 g	(
Sulfuric acid	10. mg	10. mg			(
*Human health impacts	0.20 g			0.20 g	(
Carbon monoxide	19. mg			19. mg	(
Nitrogen oxides (NOx)	60. mg			60. mg	(
Sulfur oxides (SOx)	0.12 g			0.12 g	(
*Use impairment impacts	14. g	13. mg		14. g	(
Carbon dioxide	14. g			14. g	(
Carbon monoxide	19. mg			19. mg	(
Dissolved solids	2.6 mg	2.6 mg			(
Hydrocarbons	17. mg			17. mg	(
Nitrogen oxides (NOx)	60. mg			60. mg	(
Particulates	23. mg			23. mg	(
Sulfur oxides (SOx)	0.12 g			0.12 g	(
Sulfuric acid	10. mg	10. mg			(
*Disposal cap'cty impacts	1.7 g		1.7 g		(
Solid wastes	1.7 g		1.7 g		(

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

APPENDIX H

POLLUTION GENERATED--SUMMARY REPORT FOR All Previously Selected Stage(s)

Product: Organic Palladium V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product-- by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.18 g	Nitrogen oxides (NOx)	60. mg
	Toxic Organics	19. mg	Sulfur oxides (SOx)	0.12 g
			Carbon monoxide	19. mg
Use impairment impacts	/Acid Rain Precursors	0.18 g	Nitrogen oxides (NOx)	60. mg
	Corrosives	0.19 g	Sulfur oxides (SOx)	0.12 g
			Nitrogen oxides (NOx)	60. mg
			Sulfur oxides (SOx)	0.12 g
	Dissolved Solids	13. mg	Sulfuric acid	10. mg
			Dissolved solids	2.6 mg
	Global Warmers	14. g	Sulfuric acid	10. mg
			Carbon dioxide	14. g
	Odorants	17. mg	Nitrogen oxides (NOx)	60. mg
			Hydrocarbons	17. mg
	Particulates	23. mg	Particulates	23. mg
	Smog Formers	96. mg	Carbon monoxide	19. mg
			Hydrocarbons	17. mg
			Nitrogen oxides (NOx)	60. mg
Disposal capacity impacts	/Solid Wastes	1.7 g	Solid wastes	1.7 g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Organic Palladium C
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/ Grdwater	Air	Indoor Air
*Overall environment	35. g	28. mg	3.7 g	31. g	(
Carbon dioxide	30. g			30. g	(
Carbon monoxide	43. mg			43. mg	(
Dissolved solids	5.8 mg	5.8 mg			(
Hydrocarbons	37. mg			37. mg	(
Nitrogen oxides (NOx)	0.13 g			0.13 g	(
Particulates	51. mg			51. mg	(
Solid wastes	3.7 g		3.7 g		(
Sulfur oxides (SOx)	0.27 g			0.27 g	(
Sulfuric acid	22. mg	22. mg			(
*Human health impacts	0.44 g			0.44 g	(
Carbon monoxide	43. mg			43. mg	(
Nitrogen oxides (NOx)	0.13 g			0.13 g	(
Sulfur oxides (SOx)	0.27 g			0.27 g	(
*Use impairment impacts	31. g	28. mg		31. g	(
Carbon dioxide	30. g			30. g	(
Carbon monoxide	43. mg			43. mg	(
Dissolved solids	5.8 mg	5.8 mg			(
Hydrocarbons	37. mg			37. mg	(
Nitrogen oxides (NOx)	0.13 g			0.13 g	(
Particulates	51. mg			51. mg	(
Sulfur oxides (SOx)	0.27 g			0.27 g	(
Sulfuric acid	22. mg	22. mg			(
*Disposal cap'city impacts	3.7 g		3.7 g		(
Solid wastes	3.7 g		3.7 g		(

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: Organic Palladium C
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product--
by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.40 g	Nitrogen oxides (NOx)	0.13 g
			Sulfur oxides (SOx)	0.27 g
	Toxic Organics	43. mg	Carbon monoxide	43. mg
	/Acid Rain Precursors	0.40 g	Nitrogen oxides (NOx)	0.13 g
Use impairment impacts			Sulfur oxides (SOx)	0.27 g
	Corrosives	0.42 g	Nitrogen oxides (NOx)	0.13 g
			Sulfur oxides (SOx)	0.27 g
			Sulfuric acid	22. mg
	Dissolved Solids	28. mg	Dissolved solids	5.8 mg
			Sulfuric acid	22. mg
	Global Warmers	31. g	Carbon dioxide	30. g
			Nitrogen oxides (NOx)	0.13 g
	Odorants	37. mg	Hydrocarbons	37. mg
	Particulates	51. mg	Particulates	51. mg
	Smog Formers	0.21 g	Carbon monoxide	43. mg
			Hydrocarbons	37. mg
			Nitrogen oxides (NOx)	0.13 g
Disposal capacity impacts	/Solid Wastes	3.7 g	Solid wastes	3.7 g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

POLLUTION GENERATED--SUMMARY REPORT FOR
All Previously Selected Stage(s)

Product: NonFormaldehyde Elect V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

2. Pollution Generated per Unit-of-Use of product--
by Pollution Category, by Pollutant and by Medium

Pollution prevented for:	All Media	Water	Soil/Grdwater	Air	(Indoor Air
*Overall environment	63. g	51. mg	6.7 g	56. g	(
Carbon dioxide	55. g			55. g	(
Carbon monoxide	78. mg			78. mg	(
Dissolved solids	10. mg	10. mg			(
Hydrocarbons	67. mg			67. mg	(
Nitrogen oxides (NOx)	0.24 g			0.24 g	(
Particulates	92. mg			92. mg	(
Solid wastes	6.7 g		6.7 g		(
Sulfur oxides (SOx)	0.48 g			0.48 g	(
Sulfuric acid	41. mg	41. mg			(
*Human health impacts	0.80 g			0.80 g	(
Carbon monoxide	78. mg			78. mg	(
Nitrogen oxides (NOx)	0.24 g			0.24 g	(
Sulfur oxides (SOx)	0.48 g			0.48 g	(
*Use impairment impacts	56. g	51. mg		56. g	(
Carbon dioxide	55. g			55. g	(
Carbon monoxide	78. mg			78. mg	(
Dissolved solids	10. mg	10. mg			(
Hydrocarbons	67. mg			67. mg	(
Nitrogen oxides (NOx)	0.24 g			0.24 g	(
Particulates	92. mg			92. mg	(
Sulfur oxides (SOx)	0.48 g			0.48 g	(
Sulfuric acid	41. mg	41. mg			(
*Disposal cap'cty impacts	6.7 g		6.7 g		(
Solid wastes	6.7 g		6.7 g		(

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.

APPENDIX H

POLLUTION GENERATED--SUMMARY REPORT FOR All Previously Selected Stage(s)

Product: NonFormaldehyde Elect V
Unit-of-Use: per ssf of board produced
Product Life: 1 year

3. Pollution Generated per Unit-of-Use of product-- by Pollution Category, Pollutant Class, and Pollutant for Overall Environment

Pollution Category	Pollutant Class	Amount Prevented	Pollutant	Amount Prevented
Human health impacts	/Toxic Inorganics	0.73 g	Nitrogen oxides (NOx)	0.24 g
	Toxic Organics	78. mg	Sulfur oxides (SOx)	0.48 g
			Carbon monoxide	78. mg
	/Acid Rain Precursors	0.73 g	Nitrogen oxides (NOx)	0.24 g
Use impairment impacts	Corrosives	0.77 g	Sulfur oxides (SOx)	0.48 g
			Nitrogen oxides (NOx)	0.24 g
			Sulfur oxides (SOx)	0.48 g
	Dissolved Solids	51. mg	Sulfuric acid	41. mg
			Dissolved solids	10. mg
			Sulfuric acid	41. mg
	Global Warmers	55. g	Carbon dioxide	55. g
			Nitrogen oxides (NOx)	0.24 g
	Odorants	67. mg	Hydrocarbons	67. mg
	Particulates	92. mg	Particulates	92. mg
	Smog Formers	0.39 g	Carbon monoxide	78. mg
			Hydrocarbons	67. mg
			Nitrogen oxides (NOx)	0.24 g
Disposal capacity impacts	/Solid Wastes	6.7 g	Solid wastes	6.7 g

NOTE: Some totals in these reports may appear incorrect since all numbers displayed have been rounded to two significant figures.